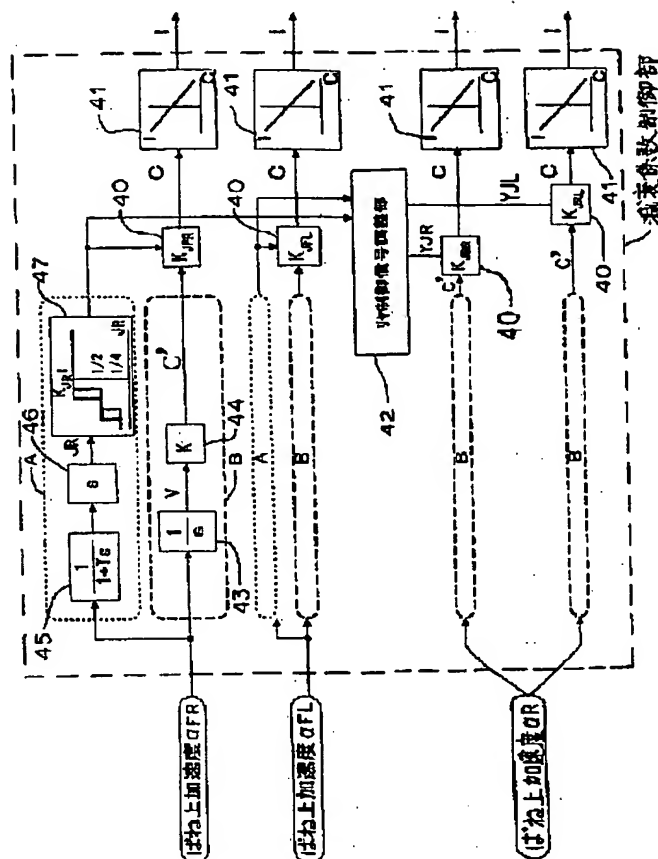


TITLE : SUSPENSION CONTROL DEVICE



ABSTRACT : **PROBLEM TO BE SOLVED:** To provide a suspension control device which can prevent the feeling of being thrown out to the upper side or the feeling of strongly being pushed down to a seat surely at the place finishing to rise an undulation or the place finishing to descend the undulation in a vehicular rear side.

SOLUTION: An absolute velocity calculation part B is composed of a calculation part 43 for finding out the absolute velocity V on a spring from the acceleration on the spring aFL(R), aR and an amplification part 44 for outputting a control target signal before correction C' obtained by multiplying the absolute velocity V by a gain K to a control gain decision part 40. A jerk calculation part A is composed of a low pass filter part 45, a calculation part 46 for calculating a jerk JR(L) by differentiating the acceleration on the spring aFL(R) processed in the low pass filter part 45 and a correction gain selection part 47 for selecting the jerk correction gain KJR(L) based on the jerk JR(L), outputting the jerk correction gain KJR(L) to a control gain decision part 40 and also outputting to a rear control signal adjust part 42.

COPYRIGHT: (C)1998,JPO